

Mid-Continent Conductor, LLC

P.O. Box 1570
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Invoice

Date	Invoice #
8/18/2012	1445

Bill To

SandRidge Energy, Inc.
Attn: Purchasing Mgr.
123 Robert S. Kerr Avenue
Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Chuck Mulberry	Net 45	8/18/2012	Hammer 3510 1-1SWD, Barber Cnty.,...	Tomcat 2

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole.
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe.
Rat & Mouse Holes	1	Drilled 35 ft. rate hole and 20 ft. mouse hole.
Rat Hole Shuck	1	Furnished rat hole shuck.
16" Pipe	20	Furnished 20 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location.
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor & Equip. for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits
AFE Number: <u>1-C 12345</u> Well Name: <u>hammer 1-1 SWD</u> Code: <u>830 010</u> Amount: <u>12,000</u> Co. Man: <u>M. B. P.</u> Co. Man Sig.: <u>M. B. P.</u> Notes: _____		
		Subtotal\$12,000.00 Sales Tax (0.0%)\$0.00
		Total\$12,000.00

JOB SUMMARY				PROJECT NUMBER SOK 1801	TICKET DATE 08/23/12
COUNTY Barber	State Kansas	COMPANY Bridge Exploration & Produc		CUSTOMER REP 0	
LEASE NAME Hammer	Well No. 10 1-1 SV	JOB TYPE Surface		EMPLOYEE NAME NATHAN COTTA	

EMP NAME NATHAN COTTA	GALE		
MIKE CHALFANT			
TREYVON			
DANNY T.			

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **950**

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water	BBL.	10 8.33
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

	Called Out	On Location	Job Started	Job Completed
Date	8.23.12	8.23.12	8.24.12	8.24.12
Time	1630	2030	550	710

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		45.4	10 3/4"		Surface		1,600
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	950	Shots/Ft.
Perforations							
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8.23.12	11.5	8.24.12	2.0	Surface

Pressures	
MAX 1,500 PSI	AVG. 150
Average Rates in BPM	
MAX 6 BPM	AVG 5
Cement Left in Pipe	
Feet 47	Reason SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	450	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	320	Premium Plus (Class C)	1% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	100	Premium Plus (Class C)	2% Calcium Chloride on side to use if necessary	6.32	1.32	14.80

Summary							
Preflush Breakdown	Type: _____	MAXIMUM 1,500 PSI	Preflush: BBI 10.00	Type: Fresh Water	Pad:Bbl -Gal N/A	Calc. Disp Bbl 84	Actual Disp. 84.00
	Lost Returns-N NO/FULL	Excess /Return BBI 112	Load & Bkdn: Gal - BBI N/A		Disp:Bbl 84.00		
Average	Actual TOC SURFACE	Calc. TOC: 400	Final Circ. PSI: 222.0				
car _____ 5 Min.	Bump Plug PSI: 1,000	Cement Slurry: BBI 316.00	Total Volume BBI 316.00				
	10 Min _____						
	15 Min _____						

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

JOB SUMMARY				PROJECT NUMBER SOK 1831		TICKET DATE 09/02/12	
COUNTRY Barber		State Kansas		COMPANY Sandridge Exploration & Production		CUSTOMER REP Jimmy Durden	
LEASE NAME Hammer SWD		Well No. 3510 1-1		JOB TYPE Intermediate		EMPLOYEE NAME 0	
EMP NAME TYLER MELTON		GALE WOMACK					
Jared Green		DANNY TEWELL					
Emmit Brock							
David Thomas							
Form. Name _____ Type: _____							
Packer Type _____ Set At 0							
Bottom Hole Temp. 155 Pressure _____							
Retainer Depth _____ Total Depth 5550							
Tools and Accessories							
Type and Size		Qty		Make			
Auto Fill Tube		0		IR			
Insert Float Val		0		IR			
Centralizers		0		IR			
Top Plug		0		IR			
HEAD		0		IR			
Limit clamp		0		IR			
Weld-A		0		IR			
Texas Pattern Guide Shoe		0		IR			
Cement Basket		0		IR			
Materials							
Mud Type		WTB Density 9		Lb/Gal			
Disp. Fluid		Fresh Water Density 8.33		Lb/Gal			
Spacer type		WEIGHTED BBL.		30			
Spacer type		WATER BBL.		10			
Acid Type		Gal.		%			
Acid Type		Gal.		%			
Surfactant		Gal.		In			
NE Agent		Gal.		In			
Fluid Loss		Gal/Lb		In			
Gelling Agent		Gal/Lb		In			
Fric. Red.		Gal/Lb		In			
MSC.		Gal/Lb		In			
Perfpac Balls		Qty.					
Other							
Other							
Other							
Other							
Other							
Other							
Well Data							
Date		Called Out		On Location		Job Started	
9/6/2012		9/6/2012		9/6/2012		9/6/2012	
Time		3:00AM		6:00AM		9:00AM	
						11:00AM	
Now/Used Weight Size Grade From To Max. Allow							
Casing				29.7		7 5/8"	
Liner						Surface	
Liner							
Tubing				0			
Drill Pipe							
Open Hole				9 7/8		Surface	
Perforations						5,658	
Perforations						Shots/Ft.	
Perforations							
Hours On Location Operating Hours Description of Job							
Date		Hours		Date		Hours	
9/6		6.0		9/6		2.0	
Total		6.0		Total		2.0	
Pressures							
MAX		1450		AVG		300	
Average Rates in BPM							
MAX		7		AVG		5.5	